

Operation Description (KR-1252)

49.860 MHz

The EUT is a transmitter for R/C Thunder Spin Turbo Ball operating at 49.860 MHz and is controlled by a crystal. The EUT is powered by 1 x 9V battery. There are two control levers on the EUT. Different combinations of the controls enable the EUT to transmit different radio signals for the receiver to move forward, backward and to perform spinning actions.

The brief circuit description is listed as follows:

- U1 and associated circuit act as encoder
- Q2 and associated circuit act as RF amplifier
- T1 and associated circuit act as oscillator
- Z1 and associated circuit act as voltage regulator
- Q1 and associated circuit act as modulator